

ABSTRACT

A mobile emergency response platform is based on an all-terrain vehicle of the type that
5 can accommodate at least two persons and has the capability, without requiring in-field
modification by an operator, of traversing multiple off-road surfaces that include, at minimum,
each of sand, mud, snow, swampland, thickly wooded areas, ice, grasslands, man-made rubble
and debris, surfaces having angles of about at least thirty degrees from horizontal, and the
floatable operation of the vehicle on waterways. Electronic communication equipment can
10 receive at least two types of wireless communication transmissions. The platform can also
transmit at least two types of wireless communication transmissions. The electronic
communication equipment can also perform crossover and amplification of different types of
signals. An environmental monitoring station is capable of taking in-field measurements of
environmental conditions surrounding said platform.

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